

**GOVERNMENT OF ANDHRA PRADESH**  
**ABSTRACT**

Major Irrigation – TGP – K.R Dam - “Drilling and Grouting for the treatment of Body wall wings and returns and drainage gallery of Head Regulator and Power Sluice at Km.0/0 of SSG Canal under K.R. Dam” Administrative approval for an amount of Rs.3.14 Crores – accorded - Orders - Issued.

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**IRRIGATION & C.A.D. (PW – Major Irrgn-V) DEPARTMENT**

**G.O.Ms.No. 45**

**Dated:01-08-2011.**

**Read the following:-**

1. From the ENC, TGP, Srikalahasti, Lr.No.ENC/TGP./ SKHT/9,  
Dated: 14-08-2007.
2. From the ENC, TGP, Srikalahasti, Lr.No.CE/TGS/TS/ T2/F137/87,  
Dated: 24.03.09.
3. From the ENC, TGP, Srikalahasti, Lr.No.CE/TGS/TS/ T2/F137/87,  
Dated: 25.01.11.

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**ORDER:-**

In the letter 1<sup>st</sup> read above the Engineer-in-Chief, Telugu Ganga Project has reported that the Expert Committee during the inspection of Head Regulator and power sluice of Kandaleru Dam on 25<sup>th</sup> and 26<sup>th</sup> of August 2006 suggested to provided chemical treatment to arrest the seepage through the body wall of the structure or alternatively to provide curtain cement grouting 3 mtrs away from the U/s side face in consultation with the Chief Engineer, Central Design Organization, Hyderabad. The Superintending Engineer propose Drilling & grouting with “BX” size diamond drill at 3 m intervals staggered at 3 m away from water face with the following provisions:-

1. Drilling bore holes 47/50 mm dia vertically using diamond core drill bits of “BX” size up to specified elevation including cost of hire charges of all equipments, cost of drill bit, drill rod, pipes specially water supplying and labour charges for fixing the equipment in position, operation, shifting where ever necessary arranging lighting and including all other incidental charges and if necessary re drilling as directed by the Engineer-in-Charge.
2. Flushing grout holes of all sizes with water and air jets alternatively for an average period of 30 minutes including water intake observations after flushing, cost of all materials, machinery, labour etc., complete.
3. Curtain grouting with neat cement grout mix of suitable consistency under specified pressure as directed in drilled holes by stage grouting method including cost of all materials, machinery, labour, re drilling if necessary etc., complete with initial lead up to 1 km and all lifts.

2. Keeping in view the above position, the Engineer-in-Chief, Telugu Ganga Project has submitted an estimate and requested the Government to accord administrative approval for the works “Drilling and Grouting for the treatment of Body wall wings and returns and drainage gallery of Head Regulator and Power Sluice at Km.0/0 of SSG Canal under K.R. Dam” for an amount of 314.00Lakhs (Rupees Three Hundred and Fourteen lakhs only).

P.T.O.

3. In the circumstances reported by the Engineer-in-Chief, NTR Telugu Ganga Project, Srikalahasti in his letters read above, after careful examination of the proposal, Government here by accord revised Administrative approval for the works Drilling and Grouting for the treatment of Body wall wings and returns and drainage gallery of Head Regulator and Power Sluice at Km.0/0 of SSG Canal under K.R. Dam” at a cost of Rs.314.00Lakhs (Rupees Three Hundred and Fourteen lakhs only).(as per the details shown in the annexure to this order) subject to condition that the field officers are responsible for quantities, data and arithmetic calculations.

4. The expenditure sanctioned above shall be debited to the Head of Account ” 4701-COL-on major and medium Irrigation (01) Major Irrigation I-123 TGP SH-26 D&A works, 530 Major Works, 531 other expenditure”.

5. The Engineer-in-Chief, NTR, Telugu Ganga Project, Srikalahasti shall take necessary action accordingly for timely execution of these works with strict adherence to the required quality standards.

6. This order issues with the concurrence of Finance (W&P) Department vide their U.O.No.1059/ F7(A2)/2010, Dt:18/04/2011.

**(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)**

**RAJIV RANJAN MISHRA  
SECRETARY TO GOVERNMENT**

To

The Engineer-in-Chief, NTR Telugu Ganga Project, Srikalahasti

**Copy to:-**

The Account General, A.P., Hyderabad.

The Director of Works & Accounts, Hyderabad.

The Finance (W&P) Department

The OSD to Minister for (M&MI)

The P.S. to Secretary (RRM)

SF/SC

**//FORWARDED : : BY ORDER//**

**SECTION OFFICER**

## **ANNEXURE**

Drilling and grouting for the treatment of Body wall wings and returns and drainage gallery of Head Regulator and Power Sluice at Km.0/0 of SSG Canal under K.R. Dam

<b>S.No.</b>	<b>QTY</b>	<b>DESCRIPTION OF WORK</b>	<b>RATE</b>	<b>PER</b>	<b>AMOUNT</b>
1.	5104	Drilling bore holes 47/50 mm dia Vertically / inclined using diamond core bits of "BX" size up to specified elevation including cost of hire charges of all equipments cost of drill bit, drill rod, pipes specially water supplying and labour charges for fixing the equipment in portion operation, shifting where ever necessary arranging lighting and including all other incidental charges etc., complete for finished item of work and if necessary redrilling as directed by the Engineer – in – Charge etc, complete.	3435.00	RMT	17532240
2.	5104	Flushing grout holes of all sizes with water and air jets alternatively for an average period of 30 minutes including water intake observations after flushing, cost of all materials, machinery, labour etc., complete	30.40	RMT	155162
3.	1531	Curtain grouting with neat cement grout mix of suitable consistency under specified pressure as directed in drilled holes by stage of all materials, machinery, labour, redrilling if necessary etc., complete with initial lead upto 1 Km and all lifts.	8075	MT	12362060
		<b>E.C.V Rs.</b>			30049462
6.	L.S.	Provision towards VAT 2.8%			841385
7.	L.S.	Provision towards Labour Cess 1 %			300495
8.	L.S.	Provision towards expert committee sitting charges e-procurement charges, Photography charges, advertisement charges and miscellaneous charges etc.			208658
<b>TOTAL</b>					<b>31400000</b>

(Rupees Three hundred and fourteen lakhs only).